

REMARKS

Claims 1-19 are pending. Claims 1-6 and 8-13 have been amended and new claims 14-19 have been added to recite additional features of the invention.

Reconsideration of the application is respectfully requested for the following reasons.

In the Office Action, claims 1-13 were rejected under 35 USC § 102(e) for being anticipated by the Tutt patent publication. This rejection is respectfully traversed for the following reasons.

Claim 1 recites broadly features included in embodiments disclosed in the specification. In particular, claim 1 recites a “hole blocking layer is formed between the first, second, and third emission layers and the second electrode,” and further that the hole blocking layer is “formed of the same substance as that of the third emission area.” The Tutt publication does not disclose these features.

The Tutt publication discloses an electroluminescent device which includes two hole blocking layers formed between anode and cathode electrodes. As shown in Figure 3, the first hole blocking layer 36 is deposited on blue emission layer 24. The second hole blocking layer 34 is deposited on a green emission layer 32. However, no hole blocking layer is formed on the red emission layer 26 which is located above the blue and green emission layers. Thus, the Tutt publication fails to disclose a “hole blocking layer is formed between the first, second, and third emission layers and the second electrode” as recited in amended claim 1.

The Tutt publication also fails to disclose that hole blocking layers are “formed of the same substances as that of the third emission layer.” On the contrary, the Tutt publication expressly discloses forming its hole blocking layers from substances different from those used to form the red, green, and blue emission layers. See the working Examples on pages 11-12, which disclose that 2,9-dimethyl-4, 7-diphenyl-1, 10-phenanthroline (BCP) is used to form the hole blocking layers and that tris (8-quinolinolato)aluminum (III) (ALQ) with 2% DCJTb is used to form the red emission layer and TBADN with 1.25 % TBP is used to form the blue emission layer. The green emission layer may be formed from 8-hydroxyquinoline.

Because the Tutt publication does not disclose all the features of claim 1, it is respectfully submitted that the Tutt publication cannot anticipate claim 1 or any of its dependent claims.

Claim 5 separately recites that “at least one of the first emission layer or the second emission layer is formed of a phosphorescent substance, and the third emission layer is formed of a fluorescent substance.” The Tutt publication does not disclose these features.

Claim 6 recites that “the third emission layer is formed from a plurality of substances and wherein the hole blocking layer is formed from one of the plurality of substances forming the third emission layer.” The Tutt publication does not disclose these features.

Claim 7 recites a plurality of substances from which the hole blocking layer is used. The Tutt publication does not disclose any of these substances, i.e., the chemical structure shown Example 2 on page 11 of the Tutt publication does not correspond to any of the substance

structures recite in claim 7. Also, it is noted that none of the other Examples listed in Tutt correspond to the hole blocking substances recited in this claim.

Claim 8 recites features similar to those which patentably distinguish claim 1 from the Tutt publication. Accordingly, it is submitted that claim 8 and its dependent claims are allowable over Tutt.

New claims 14-19 have been added to the application.

Claim 14 recites that the hole blocking layer is formed directly on the first, second, and third emission layers. The Tutt publication does not disclose these features.

Claim 15 recites that the hole blocking layer is formed from B-60. The Tutt publication does not disclose these features.

Claim 16 recites that the hole blocking layer is formed from Balq. The Tutt publication does not disclose these features.

Claims 17-19 recite similar features depending from claim 8

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and timely allowance of the application is respectfully requested.

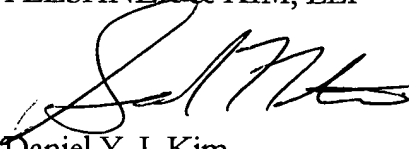
To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this,

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concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and
please credit any excess fees to such deposit account.

Respectfully submitted,
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